



Australian Government

Assessment Requirements for ICPPRN214 Produce basic flexographic printed product

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with ICP Printing and Graphic Arts Training Package Version 1.0.

Performance Evidence

Evidence of the ability to:

- accurately produce TWO basic flexographic printing jobs (if possible including at least ONE in-line process) according to job specifications, enterprise procedures and work health and safety (WHS) requirements
- correctly shut down and clean flexographic press and, if possible, rectify any production problems with minimum downtime.

Note: If a specific volume or frequency is not stated, then evidence must be provided at least once.

Knowledge Evidence

To complete the unit requirements safely and effectively, the individual must:

- outline process for transportation and delivery
- describe process for determining the substrate printing side

For reel systems only

- outline WHS concerns when loading and handling heavy reels
- describe effect on the print of excessive tension on the unwinding reel
- describe process for correct web splicing and implications if web is not spliced correctly

For sheet systems only

- outline WHS concerns when operating sheet transportation and delivery systems
- identify reasons for fanning sheets before loading into the press
- describe the process for setting, and the check to be made to the double sheet detector during the print run, and components that can be adjusted to ensure correct delivery
- describe effect excessive suction can have on slow-down wheels

- state how often product quality should be assessed, and what action taken if print fills in when printing
- describe effect of dirt under the doctor blade on the print and the motion of doctor blade oscillation
- describe action taken if ink in duct is foaming
- name signs of wear in the plate image area
- outline WHS concerns for the in-line component of the press and how often in-line components of the job should be examined
- describe the process of monitoring to ensure quality
- outline precautions to ensure the rewound product is consistent, acceptable quality and how to identify if printed material is not of an acceptable standard
- outline marking of product deemed unacceptable by the operator
- describe the process of consultation needed when there is a problem with the print that cannot be fixed by the operator
- identify location of information concerning correct operation of the machine
- outline dangers from solvents and solutions used to clean the inking system, plate and press
- describe methods used to ensure proper storage of plates following printing
- list parts of the machine that should be thoroughly cleaned following the print run and components to be inspected for wear following the print run
- identify records important for following or repeat prints
- identify machine manuals and safety documentation relevant to this task, where they are kept, and information included in these documents.

Assessment Conditions

Gather evidence to demonstrate consistent performance in conditions that are safe and replicate the workplace. Noise levels, production flow, interruptions and time variances must be typical of those experienced in the printing field of work and include access to:

- special purpose tools, equipment and materials
- a reel or sheet-fed flexographic press.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=a74b7a0f-a253-47e3-8be0-5d426e24131d>